From: MCCLINCY Matt
To: Eric Blischke/R10/USEPA/US@EPA
Cc: ANDERSON Jim M
Subject: RE: DEQ Response to EPA Sediment/Source Control Info Request
Date: 08/04/2008 02:07 PM

Eric,

DEQ has consolidated the slough sites into a settlement for the slough remedy so the projects are not being tracked individually anymore. According to Bruce Gilles, the project currently extends from MLK Blvd. to Outfall 59 (1.5 miles which is approximately 20 acres). Depending on permitting, the work should be conducted in 2009 or 2010.

Regarding Nochols Boat Works, David Anderson is the current DEQ project manager. The sediment impact area was approximately 5 acres in size. Recent flooding and sediment deposition from the Hood River have adequately capped the area of concern. DEQ is not planning additional measures unless the Port initiates development. Dave Anderson indicated that Dan Crouse spoke with him Friday on behalf of EPA, so you may get the same information with different verbiage.

Matt

-----Original Message-----
From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, August 04, 2008 9:49 AM
To: MCCLINCY Matt
Subject: RE: DEQ Response to EPA Sediment/Source Control Info Request

Ok - see what you can do. We can probably make do with the information you gave us and I have a previous estimate of 5 acres for Nichols boat works - though no completion date.

Eric

"MCCLINCY Matt" <MCCLINCY.Matt@deq.state.or.us> 08/04/2008 09:45 AM

To: Eric Blischke/R10/USEPA/US@EPA
cc: "ANDERSON Jim M" <Jim.M.Anderson@state.or.us>
Subject: RE: DEQ Response to EPA Sediment/Source Control Info Request

Eric,

Regarding St. Helens, Armstrong and Boise, my understanding is that the need for sediment remediation has not yet been determined.

I will have to get back to you regarding the other sites.

Matt

-----Original Message-----
From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Monday, August 04, 2008 9:08 AM
To: MCCLINCY Matt
Subject: Re: DEQ Response to EPA Sediment/Source Control Info Request

Matt, thanks for the information. Three questions:

For the St Helens, Armstrong and Boise Cascade sites - is the question whether or not sediment remediation will be required or is it a question of the amount of sediment remediation is unknown?

For the Columbia Slough sites - do you have a break down of the sites or can at least provide the site names (beyond Wagner Mine and Nu-Way Oil)

Do you know anything about Nichols Boat Works in Hood River? We had a previous estimate of 5 acres. Bob Schwartz is the PM.

Thanks for your help on this Matt.

Eric

"MCCLINCY Matt" <MCCLINCY.Matt@deq.state.or.us>

07/30/2008 03:39 PM

To: Eric Blischke/R10/USEPA/US@EPA

cc: "ANDERSON Jim M" <Jim.M.Anderson@state.or.us>

Subject: DEQ Response to EPA Sediment/Source Control Info Request

Eric,
Here's a response to your request. The numbers & dates are estimates. Please also note that this information doesn't include the PH Early Actions nor M&B.

Give me a call if you have any questions or require additional information.

Matt McClincy

Areas, Volumes, Dates of Sediment Cleanups

Arco - 1.1 acres, 12,330 cubic yards, planned completion fall 2008
Armstrong - Need for sediment remediation - to be determined
Bradford Island - 1 acre, 40 cubic yards, completed October 2007
Boise Cascade - Need for sediment remediation - to be determined
Johnson Lake - 4.5 acres, 7,500 cubic yards, planned summer 2009
Lower Columbia Slough - Approximately 50 acres (See 2006 estimate provided to EPA)
Port of St. Helens - Need for sediment remediation - to be determined
Ross Island - 35 acres, in progress
Tektronix - Sediment bioassay work concluded no sediment remediation required
Union Carbide - Need for sediment remediation evaluation completed - No sediment remediation required
Youngs Bay - 2 acres, 600 cubic yards, completed summer 2005
Wauna - 2 acres, 6,150 cubic yards, planned completion summer 2009
Zidell - 8 to 17 acres (final size to be determined), 1/8 acre dredge, project start anticipated 2011

Tracking PH Source Control Information
Eric, we focused on PH source control. We hope you weren't looking for summary information on the larger basin. If you were, it will take a lot more effort from us.

We believe the PH source control information you're looking for is in Section 5.0 of the PH SC Milestone report. We will submit our next Milestone report to EPA by late-8/08. In the meantime, we cut & pasted Section 5 text from the 1/08 PH SC Milestone report below in italics.

5.0 Status of Ongoing and Completed Source Control Activities

Table 1 summarizes the status of ongoing source control activities; including source control evaluations (SCEs), source control decisions (SCDs), and source control measures (SCMs). Table 1 also provides information on source control activities completed to date, proposed SCM activities, and a target schedule for completion. To the extent practicable, DEQ has collected information and/or made estimates of the mass or volume of contaminants removed, contained, treated or otherwise controlled, to help demonstrate the progress of source control activities.

Table 1 also summarizes completed SCMs and provides the date that the SCM was completed, the date of EPA review and comment, and any operation

and maintenance requirements associated with the SCM.

As of January 2008, the DEQ categorized 77 sites (see Table 1) into the following source control categories:

High Priority Sites- 8
Preliminary High Priority Sites- 8
Medium Priority Sites- 13
Low Priority Sites- 26
Priority "To Be Determined" Sites- 5
Sites with Source Control Decisions- 17

The status of High Priority and Preliminary High Priority sites is presented in Table 2. Twelve of the 16 High Priority sites currently have at least interim SCMs in place. Some of the more important actions in-place or anticipated at the High Priority sites include:

-Oregon Steel Mills- Full-scale, end-of-pipe stormwater treatment pilot in operation since October 2007. Riverbank treatment source control measure in re-design and anticipated to be constructed in summer 2008.

-Premier Edible Oils- Groundwater investigation designed to support the SCE to be initiated January 2008.
-Arco/BP- Part of the significant riverbank & near-shore source control action was completed in fall 2007, the remainder of the work will be completed in summer 2008.

-Gasco- Focused Feasibility Study (FFS) submitted October 2007 for groundwater NAPL SCMs, & is currently in review.
-Siltronics- FFS submitted October 2007 recommending enhanced bioremediation SCM for TCE groundwater plume. FFS is currently in review.

-Arkema- RP is moving forward with the evaluation of options for a well/barrier wall hydraulic containment structure for groundwater source control due 1st quarter 2008. The RP is also conducting a number of studies on extracted groundwater that will need to be managed as part of the hydraulic containment system.

-Rhone-Poulenc- RP is evaluating interim SCMs to treat contaminated groundwater threatening the river.

New to the December 2006 Milestone Report, DEQ developed five specific goals for our source control efforts. These goals will track DEQ source control efforts to achieve the overarching goal of source control: to identify, evaluate and control sources of contamination that may affect the Willamette River in a manner that is consistent with the objectives and schedule for the Portland Harbor RI/FS.

Goals and Status for High Priority Sites

Goal 1- Source Control Evaluation (SCE) completed at all High Priority sites by 1/1/08.

Goal 1 Status as of 1/08

-9 of 16 SCEs completed
-7 of 16 SCEs to be completed in 2008

Goal 2- SCM selected at all High Priority sites by 7/1/08.

Goal 2 Status as of 1/08

-Interim or final SCMs have been selected and have been implemented at 12 of 16 sites. These sites include: 1) Oregon Steel Mills (stormwater pathway), 2) Schnitzer Burgard (stormwater pathway), 3) Kinder Morgan Linnton (groundwater pathway), 40 Terminal 4 Slip 3 (groundwater and riverbank erosion pathways), 5) Exxon/Mobil (groundwater pathway), 6) Arco/BP (groundwater pathway), 7) MarCom South (overland runoff pathway), 8) Siltronic (groundwater pathway), 9) Rhone Poulenc (groundwater pathway), 10) Arkema (groundwater pathway), 1) Willbridge (groundwater pathway), 12) Gunderson (groundwater pathway).

Goal 3- SCM constructed and effectively operating at all High Priority sites by 1/1/10.

Goal 3 Status as of 1/08

-3 of 16 sites have effective groundwater SCMs operating. These 3 sites include: 1) Exxon/Mobil, 2) Gunderson, and 3) Willbridge).

Goals and Status for Medium and Low Priority Sites

Goal 4- SCE completed at all Medium and Low Priority sites by 1/1/09

Goal 4 Status as of 1/08

-Three of the 13 Medium Priority sites and 2 of the 26 Low Priority sites have completed SCEs. All the sites are on schedule to be completed by the end of 2008.

-Interim SCM have been implemented at 11 of 39 Low and Medium Priority sites.

Goals and Status for Priority "To Be Determined (TBD)" Sites

Goal 5- Completed prioritization at all TBD sites by 1/1/08.

Goal 5 Status as of 1/08

-2 of the 5 sites are EPA-lead sites (Vanwaters-&-Rogers & US Moorings).
-Only 3 non-EPA-lead TBD sites (Koppers, GS Roofing, and Galvanizers) are left to be prioritized and they are scheduled to be prioritized in early-2008.

Stromwater
Currently we have approximately 60 sites implementing stormwater BMPs in Portland Harbor. This includes ECSI sites that have a stormwater pathway and are or have done a stormwater source control evaluation.

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